Test Information Engineer (TIE) START DAF Data Technician Submit DFRC 41 Assign request electronic data number request to initiate electronically and post flight data log current mission processing date and time activities Log mission date and time on CIMS for new operation, only No New project? Yes Configure new project in the FDAS database (Re) generate and modify project supplemental support files (See Note 1) (Re) run DRACO to produce engineering units data (See Note 2) (Re) run ADDFILES to apply calculated functions and move completed data to **FDAS** (See Note 3) No Check: Is Notify TIE of data processed availability data valid? ¥Yes Deliver additional Perform processing processing of requirements via additional data DFRC 41 requirements (i.e. radar) ♥ Satisfy special

output requirements (i.e. write CD's, etc.)

DATA ANALYSIS FACILITY (DAF) POSTFLIGHT DATA PROCESSING ACTIVITIES

Dryden Flight Research Center DOP-F-303 Revision: A

Objectives:

- -to make flight data available to research engineers in a timely manner
- -to maintain aircraft calibration parameter and data system configuration

Electronically Approved By: Director, Research Facilities Directorate

Note 1

Regeneration and modification of some project supplemental support files may be required for any reprocessing of data by DRACO.

Note 2

The reprocessing of data by DRACO may be required to correct problems discovered during validity checks of processed data.

Note 3

Any reprocessing of data by DRACO may result in corresponding reruns of ADDFILES and corrected data movement to FDAS.

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http://xnet.dfrc.nasa.gov/iso9000/
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DOCUMENT HISTORY PAGE

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DATE APPROVED	<u>ISSUE</u>	<u>PAGE</u>	AMENDMENT DETAILS
1/19/99	Baseline		
See IDMS Document Master List	Rev A	1	Major changes ranging from submission and receipt of data
requests electronically rather than hard copy; the addition of three "notes" for clarification; rewording of statements in blocks			
referencing notes; decision diamond addressing the reprocessing of data when invalid results are obtained			